



Docket: SJO920000096US4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: **Wipul Jayasekara**

SERIAL NO.: **10/622,033** GROUP ART UNIT: **2652**

FILED: **07/16/03** EXAMINER: **Craig A. Renner**

FOR: **A Magnetic Tunnel Junction Sensor With Stabilization  
Provided By Non-Conducting Antiferromagnetic Material  
(as amended)**

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Commissioner for Patents  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action dated September 2, 2004, please enter  
the following amendments and remarks in the above identified patent application.

**In the Title:**

Please replace the title of the application with "A MAGNETIC TUNNEL JUNCTION SENSOR WITH STABILIZATION PROVIDED BY NON-CONDUCTING ANTIFERROMAGNETIC MATERIAL".